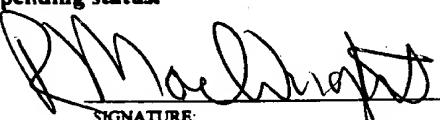


FORM PTO-1390 (REV 10-93)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>				1075 PCT
				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>087727509</b>
INTERNATIONAL APPLICATION NO. PCT/US96/14250	INTERNATIONAL FILING DATE August 28, 1996	PRIORITY DATE CLAIMED August 30, 1995		
TITLE OF INVENTION METHODS FOR LABELING DNA ENDS WITH HALOGENATED NUCLEOTIDES AND DETECTING SAME WITH ANTIBODIES				
APPLICANT(S) FOR DO/EO/US Zbigniew Darzynkiewicz, Xun Li and Frank T. Anderson				
<b>Received PCT/PTO 22 OCT 1996</b>				
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:				
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</li> <li>4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>				
<b>Items 11. to 16. below concern document(s) or information included:</b> <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li><input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>14. <input type="checkbox"/> A substitute specification.</li> <li>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>16. <input checked="" type="checkbox"/> Other items or information: Power of Attorney for All Designated States Except the U.S. (PCT Rule 90.4) Power of Attorney for U.S. National Prosecution (37 CFR Section 1.34) Declaration (37 CFR Sections 1.63 and 1.68) Verified Statement Claiming Small Entity Status - NonProfit Organization Response to Invitation to Correct Defects in the International Application</li> </ol>				

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER																
<p>17. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p><b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Search Report has been prepared by the EPO or JPO .....</td> <td style="width: 30%; text-align: right;">\$880.00</td> </tr> <tr> <td>International preliminary examination fee paid to USPTO (37 CFR 1.482) .....</td> <td style="text-align: right;">\$680.00</td> </tr> <tr> <td>No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) .....</td> <td style="text-align: right;">\$260.00</td> </tr> <tr> <td>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....</td> <td style="text-align: right;">\$1010.00</td> </tr> <tr> <td>International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) .....</td> <td style="text-align: right;">\$94.00</td> </tr> </table>			Search Report has been prepared by the EPO or JPO .....	\$880.00	International preliminary examination fee paid to USPTO (37 CFR 1.482) .....	\$680.00	No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) .....	\$260.00	Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....	\$1010.00	International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) .....	\$94.00						
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<b>CALCULATIONS PTO USE ONLY</b>																		
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b> <span style="float: right;">\$770.00</span>																		
<p>Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</p>																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">CLAIMS</th> <th style="width: 25%;">NUMBER FILED</th> <th style="width: 25%;">NUMBER EXTRA</th> <th style="width: 35%;">RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>17 - 20 =</td> <td>-0-</td> <td style="text-align: right;">X \$22.00</td> </tr> <tr> <td>Independent claims</td> <td>5 - 3 =</td> <td>2</td> <td style="text-align: right;">X \$80.00</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td colspan="2" style="text-align: right;">+ \$250.00</td> </tr> </tbody> </table>			CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	17 - 20 =	-0-	X \$22.00	Independent claims	5 - 3 =	2	X \$80.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$250.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE															
Total claims	17 - 20 =	-0-	X \$22.00															
Independent claims	5 - 3 =	2	X \$80.00															
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$250.00																
<b>TOTAL OF ABOVE CALCULATIONS =</b> <span style="float: right;">\$ 930.00</span>																		
<p>Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).</p>																		
<b>SUBTOTAL =</b> <span style="float: right;">\$ 465.00</span>																		
<p>Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</p>																		
<b>TOTAL NATIONAL FEE =</b> <span style="float: right;">\$ 465.00</span>																		
<p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</p>																		
<b>TOTAL FEES ENCLOSED =</b> <span style="float: right;">\$ 505.00</span>																		
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;"></td> <td style="width: 30%; text-align: right;">Amount to be:   refunded</td> </tr> <tr> <td></td> <td style="text-align: right;">\$</td> </tr> <tr> <td></td> <td style="text-align: right;">charged</td> </tr> <tr> <td></td> <td style="text-align: right;">\$ 505.00</td> </tr> </table>				Amount to be: refunded		\$		charged		\$ 505.00								
	Amount to be: refunded																	
	\$																	
	charged																	
	\$ 505.00																	
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p>																		
<p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>19-2385</u> in the amount of \$ <u>505.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p>																		
<p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-2385</u>. A duplicate copy of this sheet is enclosed.</p>																		
<p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p>																		
<p>SEND ALL CORRESPONDENCE TO:</p> <p>Robert S. MacWright, Esq. Skadden, Arps, Slate, Meagher &amp; Flom 919 Third Avenue New York, New York 10022-3897</p>																		
 <b>SIGNATURE:</b> Robert S. MacWright <b>NAME</b> 32,425 <b>REGISTRATION NUMBER</b>																		

22 OCT 1996

08/727509

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Application: METHODS FOR LABELING DNA ENDS WITH HALOGENATED NUCLEOTIDES AND DETECTING SAME WITH ANTIBODIES

Inventors: Zbigniew Darzynkiewicz, Xun Li and Frank Traganos

Ser. No.: PCT/US96/14250

Filing Date: August 28, 1996

Priority Date: August 30, 1995

Priority To: Provisional Application 60/002,963

Examiner: Not yet assigned

Art Unit: Not yet assigned

Assignee: New York Medical College

Attorney: Robert S. MacWright (212) 735-2121

Reg. No: 32,425

Client/Matter: 001480/0003

File Reference: 1075PCT

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Action: *Response to Invitation to Correct Defects in The International Application*

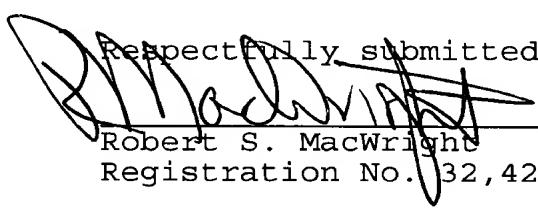
Rules: PCT Articles 3(4)(i) and 14(1) and Rule 26

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Assistant Commissioner for Patents  
BOX PCT  
Washington, D.C. 20231

Dear Sir:

As indicated on Item 2(a) on the Invitation to Correct Defects, please note that the correct street address for New York Medical College is: Office of Research Administration, Administration Building Room 202, Grasslands Avenue, Valhalla, New York 10595.

Respectfully submitted,  
  
Robert S. MacWright  
Registration No. 32,425

Rec'd PCT/PTO 22 OCT 1996

08/727509

CERTIFICATE OF EXPRESS MAIL UNDER 37 CFR 1.10

"Express Mail" mailing label: EM131253245US

Date of Deposit: October 22, 1996

I do hereby certify that this paper and/or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, BOX PCT, Washington, D.C. 20231, Attention: DO/EO/US.

Name of person mailing paper and/or fee: Erica D. Mitchell

Signature of person mailing paper and/or fee: Erica D. Mitchell

Attachments:

- (1) Transmittal Letter to the United States Designated/Elected Office Concerning a Filing Under 35 USC 371 in duplicate
- (2) Declaration
- (3) Power of Attorney for All Designated States Except the U.S.
- (4) Power of Attorney for U.S. National Prosecution
- (5) Response to Invitation to Correct Defects in the International Application
- (6) Verified Statement Claiming Small Entity Status
- (7) Assignment and Cover Page